

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Previously Presented) An image display device, comprising:
a display unit;
a resolution conversion device that converts original image data for a single pixel to resolution-converted image data including image data of two adjacent pixels;
a viewing angle range adjustment device that sets grayscale values of the adjacent pixels of the resolution-converted image data; and
a display device for displaying the resolution-converted image data on the display unit;
wherein in a case that a vertical observation direction to a surface of the display unit is a 0 degree observation direction, the viewing angle range adjustment device sets grayscale value of one of the adjacent pixels based on display characteristics of a -30 degrees observation direction and sets grayscale value of the other one of the adjacent pixels based on display characteristics of a +30 degrees observation direction; and
after converting the resolution, the adjacent pixels have same grayscale values and the viewing angle range adjustment device sets grayscale values of the adjacent pixels so that the grayscale values of the adjacent pixels are different from each other.
2. (Original) The image display device according to Claim 1, the viewing angle range adjustment device setting the difference between grayscale values of the adjacent pixels in the vertical direction to be more than a predetermined grayscale value.
3. (Canceled)
4. (Previously Presented) The image display device according to Claim 1, the viewing angle range adjustment device comprising:

a lookup table that stores the display characteristics of the display unit; and
a device that determines the grayscale value of each pixel with reference to the lookup table.

5. (Currently Amended) An image display device, comprising:

a display unit;

a resolution conversion device that converts original image data for a single pixel including sub pixels corresponding to a plurality of colors to resolution-converted image data including image data of ~~pixels;~~first, second, and third pixels each having sub pixels corresponding to a plurality of colors;

a viewing angle range adjustment device that sets grayscale values of the pixels of the resolution-converted image data; and

a display device for displaying the resolution-converted image data on the display unit;

~~wherein the each pixel has sub pixels corresponding to a plurality of colors;~~

and

~~_____after converting the resolution, the sub pixels have same grayscale values and the viewing angle range adjustment device sets different grayscale values for the same color sub pixels of the first, second, and third pixels. the grayscale value of sub pixels of one pixel so that the grayscale values of one of the sub pixels of the one pixel are different from other sub pixels of the one pixel.~~

6. (Previously Presented) The image display device according to Claim 5, each sub pixel corresponding to each color of R, G, and B;

the viewing angle range adjustment device comprising:

a lookup table that stores display characteristics of the display unit for each color of R, G, and B; and

a device that determines the grayscale values of the sub pixels for each color with reference to the lookup table.

7-11. (Cancelled)

12. (New) The image display device according to claim 5, the viewing angle range adjustment device setting the same grayscale value for two different color sub pixels of the first and second pixels.

13. (New) The image display device according to claim 5, sub pixels of the single pixel before converting the resolution have the same grayscale values.